

Date: Thu, 25 Nov 93 04:30:44 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V93 #90
To: Ham-Space

Ham-Space Digest Thu, 25 Nov 93 Volume 93 : Issue 90

Today's Topics:

Control of Amateur Satellites
MIR Packet frequencies?
Satellites and Frequencys
SPACE TRIVIA LIST UPDATE - 19th November, 1993
SPACE TRIVIA LIST UPDATE - 23rd November, 1993

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 24 Nov 93 20:28:25 GMT
From: news.larc.nasa.gov!sdd@uunet.uu.net
Subject: Control of Amateur Satellites
To: ham-space@ucsd.edu

For those of you who design, build, and operate amateur radio satellites --

What do you use for attitude control and knowledge? Is attitude control
even necessary for small satellites? Also, is thermal control strictly
passive, or are there heaters on board your spacecraft? Thanks!

--
Steve Derry
<s.d.derry@larc.nasa.gov>

Date: Tue, 23 Nov 93 07:07:04 PST

From: portal!cup.portal.com!Larry_L_Ledlow@uunet.uu.net
Subject: MIR Packet frequencies?
To: ham-space@ucsd.edu

Mir packet is on 145.55 MHz. 1200 baud AFSK. The call is R0MIR-1.
You'll occasionally hear thecosmonauts working FM voice on this freq.
This usauly happens Friday/Saturday nights when they have some spare time.

73s, Larry
na5e@genie.geis.com

Date: 24 Nov 93 16:56:59 GMT
From: microsoft!wingnut!laurahal@uunet.uu.net
Subject: Satellites and Frequencys
To: ham-space@ucsd.edu

Shameless plug: you can get all this information and lots more
from AMSAT. Including useful introductory materials, a way cool
journal, and lots more.

73,
laura VE7LDH

Date: Fri, 19 Nov 1993 12:09:33 GMT
From: munnari.oz.au!metro!seagoon.newcastle.edu.au!scorch!lukpla@uunet.uu.net
Subject: SPACE TRIVIA LIST UPDATE - 19th November, 1993
To: ham-space@ucsd.edu

IF YOU POSSIBLY CAN, PLEASE CONTRIBUTE TO THIS LIST. THIS LIST DEPENDS
UPON THE KIND DONATIONS OF ITEMS FROM PEOPLE ON THE NET.

We're back! Sorry about the delay folks, but this was due
mainly to my excruciating workload for the past few months. I let
even the reminders lapse so we haven't had much new Trivia for awhile,
although last weeks reminder prompted a few messages. They'll appear
in the next update.

I'm posting the full list with this update, just to remind you
how many items we have collected now. I would appreciate corrections
of any kind and SUBMISSIONS galore!

This list is now available via anonymous ftp from the following sites:

krakatoa.jsc.nasa.gov as /misc-docs/trivia.txt
ames.arc.nasa.gov as /pub/SPACE/MISC/trivia.txt

If at ANY time you want the latest update on the trivia list, then it will be at one of these sites. I will be updating the complete list to these sites each time an update appears in the newsgroups.

The news distribution of this file is now:-

sci.space
sci.space.shuttle
sci.astro

rec.radio.amateur.space

The last group will only be included when there are new items of trivia are related to amateur radio in some way.

Luke Plaizier - Space Trivia List Moderator

*
* SPACE TRIVIA - Interesting Trivia Information on Manned and *
* Unmanned Spaceflight from anywhere around the *
* Globe. (Or the Universe for that matter!) *
*

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Earth of 2.84 light years in the year 29700 AD.
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*          SPACE RUMOURS - Interesting Rumours - True or Popular - that have      *
*          surfaced from anywhere around the globe concerning      *
*          space topics.      *
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*          PURE GUESSWORK - Items that are awaiting verification for      *
*          placement into either rumour or fact trivia.      *
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[From HOLLIS@TITAN.KSC.NASA.GOV]

(2) When trying to find a way to keep the water out of the parachute compartment after splashdown, scientists ended up using a product from a drug store. I saw this on a space travel special. The story goes something like one of the project scientists sons was up with a cold. So, the scientist mixed up a cold remedy gel (added water to a powder) for his son late one night. This gave him the idea. When itemizing the inventory for the project budget, they used the drug store product code and used a backwards spelling of the product name. Of course, they adapted it a bit for the spacecraft, but the same principle of this gel was used.

[mark.blevis@qmail.dgrc.doc.ca]

(3) Supposedly, one shuttle launch was delayed due to a rare bird nesting in the launch pad gantry. Does anyone know if this is true and if so

which launch ? (According to the guide on a KSC coach tour - probably not the most reliable of sources 8-})
[Mark Grant <mark@isltd.insignia.com>]

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"Give them a bloody meal before they go, and they'll need nothing for a year-and-a-half!" was how one scientist characterized the suitability of leeches for space travel. Posing no feeding or waste disposal problems, leeches might even breed en-route - providing researchers with a useful insight into the genetic side-effects induced by exposure to radiation in space.

(5) In some respects, Neil Armstrong was fortunate to become the first Moonwalker. In 1963, his place in the history books was under seige from a chimpanzee named Howard!

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Collected in orbit and returned to Earth by parachute, samples gathered in this way would be free from the contamination caused by passage through the Earth's atmosphere.

(7) In reference ot item 64 in the trivia list, Is the reason given true? 1978-1986 the rumor was that if ejected at 100 Kft then you would drift up to 200 Kft before falling back. During the fall, the aero heating would become so intense that helmet melting would be likely. I'd love to know real reason the 100Kft limit was enacted.

[from rlove@raptor.rmnug.org]

(Can anyone come up with some sources for backing up/refuting the last three items?)

=====

Luke Plaizier - Entomological Toxophilist Extraordinaire
Editor - Newcastle Space Frontier Society UPDATE
Moderator - SPACE TRIVIA LIST
lukpla@scorch.apana.org.au

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Date: Tue, 23 Nov 1993 12:21:44 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!gatech!swrinde!sgiblab!munnari.oz.au!
metro!seagoon.newcastle.edu.au!scorch!lukpla@network.ucsd.edu
Subject: SPACE TRIVIA LIST UPDATE - 23rd November, 1993
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UPON THE KIND DONATIONS OF ITEMS FROM PEOPLE ON THE NET.

Ever onward we surge - The Guiness Book of Records is
revealing quite a number of items, and it has pushed our total number
over the magic 300. We have over 45 pages of trivia and it is most
definitely NOT stopping here.

I'd appreciate it if there is anyone at all who may be able to
respond to the items in the 'pure guesswork' section of this list.
This section is devoted to 'unsourced' items of trivia that have been
suggested or read from various different sources.

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End of Ham-Space Digest V93 #90
